

Enhancing communication soft skills with Virtual Reality



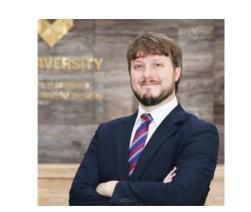
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VR Promotes Soft Skills Growth

A study by PwC (2020) comparing traditional, e-learning, and VR training concluded VR is extremely effective for soft skills training.

2.75x

More self-confident after the course



4x

More focused than with e-learning



3.75x

More emotional connection



4x

Faster than traditional courses



Gap in Communication Skills

The National Association of Colleges and Employers (2021) surveyed employers on their perceptions of communication skills.

Importance of Communication Skills

3.64 / 5

Recruits' Proficiency in Communication Skills

4.65 / 5

Finding

There is a gap between expectations and actual proficiency in communication skills.

Key Initiatives

- 1. Develop hybrid oral communication elective at VinUni that blends face-to-face and VR learning.
- 2. Design online communication course with VR practice for all VinUnians.
- 3. Pilot VR research and scalable curriculum with <u>custom</u> scenarios for corporate training.

Proposal

Traditional oral communication training is typically a "trial by fire" with students rarely getting enough individual practice, feedback, and support. **The "Like I'm There" VR initiative** aims to replace this dated model with a **VR-supported,** immersive, **blended learning experience** for developing communication skills. Our elective oral communication course at VinUni blends traditional classroom activities with the **immersion, comfort, and real-time feedback of VR.** We propose using next-gen VR headsets with eye-tracking hardware, alongside virtual reality communication software, to innovate in skill training programs.

Vision

Initiative #1 Provide a hybrid, VR simulation-based course for developing communication skills such as eye contact, volume and intonation, minimizing filler words, confident body language and pragmatics.

→ **Impact:** Students maximize skills growth, becoming more confident and effective 21st-century communicators.

Initiative #2 Design an e-learning oral communications course that allows VinUni students, staff and faculty to receive input online and then apply these lessons in VR.

→ **Impact:** Extend access to more participants for flexible, asynchronous communication skills training.

Initiative #3 Curriculum development opportunities in blended learning and research on efficacy of VR learning. Prepare custom scenarios for soft skills development, reaching wider audience such as VinGroup sub–units and other external stakeholders.

→ **Impact**: Research on efficacy of VR learning could lead to wider, more varied uses for technology outside of the classroom. Cost-effective soft skills training for employees. Students can co-develop, gaining invaluable experience creating VR scenarios and software.

Implementation



Equipment – Purchase next–generation VR headsets with eye–tracking capabilities. Each device will be shared by multiple users for efficiency.



Software – Trial software subscriptions by instructors and students to assess platform suitability and feasibility.



Learning space – Create a dedicated area in the university with private spaces for practice and a dedicated VR development space.



Student capacity building – Train students to maintain equipment, ensure safety, assist users, and eventually develop customized software.

Wondering what VR communication training might look and feel like?



